

JOSEPH E. DUNNE III  
COLBY M. MAY

ALSO ADMITTED IN VIRGINIA

**MAY & DUNNE**

CHARTERED  
ATTORNEYS AT LAW

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WASHINGTON, D.C. 20007  
(202) 296-6345

RICHARD G. GAY  
OF COUNSEL

TELECOPIER No.  
(202) 298-6375

September 30, 1991

Donna R. Searcy  
Secretary  
Federal Communications Commission  
Washington, D.C. 20554

RECEIVED  
HAND DELIVER

RECEIVED

SEP 30 1991

RE: Amendment to Application of Logos Broadcasting  
Corporation for a New Noncommercial FM Station on  
Channel 2075, to Serve San Luis Obispo, California  
(BPED-910219MJ)

Federal Communications Commission  
Office of the Secretary

Dear Ms. Searcy:

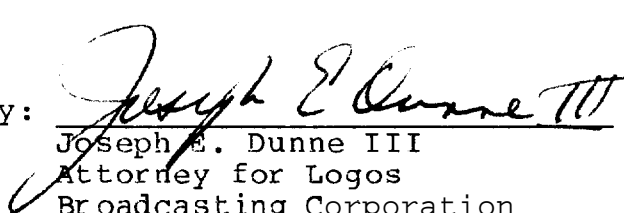
Transmitted herewith in triplicate on behalf of Logos Broadcast-  
ing Corporation is an amendment to the above-referenced pending  
application.

Should any questions arise concerning this matter, kindly contact  
the undersigned directly.

Respectfully submitted,

NAY & DUNNE, CHARTERED

By:

  
Joseph E. Dunne III  
Attorney for Logos  
Broadcasting Corporation

JED: jr fa17

xc : Logos Public File  
Dan Lemburg

APPLICATION FOR CONSTRUCTION PERMIT FOR  
NONCOMMERCIAL EDUCATIONAL **BROADCAST** STATION  
(Carefully read instructions before filing form) Return only form to FCC

|                         |
|-------------------------|
| For Commission Use Only |
| File No.                |

Section I - GENERAL INFORMATION

RECEIVED

|  |             |                   |   |             |                   |
|--|-------------|-------------------|---|-------------|-------------------|
| 7. Name of Applicant<br><br>Logos Broadcasting Corporation<br><br>Federal Communications Commission<br>Office of the Secretary |             |                   | Send notices and communications to the following person<br>at the address below:<br><br>Name<br>Joseph E. Dunne III<br>May & Dunne, Chartered |             |                   |
| Street Address or P.O. Box<br>480 Los Osos Valley Road   |             |                   | Street Address or P.O. Box<br>1000 Thomas Jefferson St., N.W., Suite 520  |             |                   |
| City<br>San Luis Obispo  | State<br>CA | ZIP Code<br>93401 | City<br>Washington  | State<br>DC | ZIP Code<br>20007 |
| Telephone No. (Include Area Code)<br>(805) 528-22 13   |             |                   | Telephone No. (Include Area Code)<br>(202) 298-6345   |             |                   |

2. This application is for:

☐

AM

☐

TV

|  |
|--|
| (a) Channel No. or Frequency<br><br>207B |
|--|

|                            |                 |       |
|----------------------------|-----------------|-------|
| (b) Principal<br>Community | City            | State |
|                            | San Luis Obispo | CA    |

(c) Check one of the following boxes:

☐

Application for NEW station

☐

MAJOR change in licensed facilities; call sign: .....

☐

MINOR change in licensed facilities; call sign: .....

☐

MAJOR modification of construction permit; call sign: .....

File No. of construction permit: .....

☐

MINOR modification of construction permit; call sign: .....

File No. of construction permit: .....

☒

AMENDMENT to pending application; application file number: ..... **BPED-910219MJ**

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application?



|                |              |                      |       |
|----------------|--------------|----------------------|-------|
| If Yes, state: | Call letters | Community of License |       |
|                |              | City                 | State |

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees?

☐ Yes ☒ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).

SECTION VII - CERTIFICATION

1. Was or will the applicant comply with the public notice requirements Of 47 C.F.R. Section 73.3580?

☒ Yes ☐ No

DNA - Minor Change

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

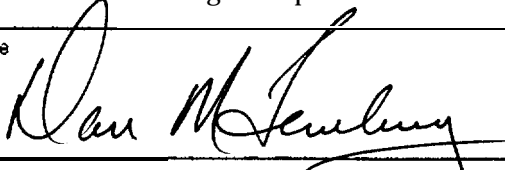
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.  
U.S. CODE, TITLE 16, SECTION 1001.

I certify that the Statements in this application are, true and correct to the best of my knowledge and belief, and are made in good faith.

|  |                       |
|--|-----------------------|
| Name of Applicant<br>Logos Broadcasting Corporation  | Title<br>President    |
| Signature<br> | Date<br>Sept 27, 1991 |

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT  
AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 76 to 80 hours with an average of 78 hours 04 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0034), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

SECTION V-B &  
ASSOCIATED EXHIBITS

|   |                         |
|---|-------------------------|
| Section V-B - FM BROADCAST ENGINEERING DATA | FOR COMMISSION USE ONLY |
|   | File No. _____          |
|   | ASB Referral Date _____ |
|   | Referred by _____       |

Name of Applicant Logos Broadcasting Corporation

--NO change in BPET-910219MJ except where noted

|                                 |   |
|---------------------------------|---|
| Call letters <i>(if issued)</i> | Is this application being filed in response to a window? <input type="checkbox"/> Yes <input type="checkbox"/> No |
|                                 | If Yes, specify closing date: _____   |

Purpose of Application: *(check appropriate box(es))*

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility            | <input type="checkbox"/> Construct a new auxiliary facility                         |
| <input type="checkbox"/> Modify existing construction permit for main facility | <input type="checkbox"/> Modify existing construction permit for auxiliary facility |
| <input type="checkbox"/> Modify licensed main facility                         | <input type="checkbox"/> Modify licensed auxiliary facility                         |

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- |  |   |
|--|---|
| <input type="checkbox"/> Antenna supporting-structure height             | <input type="checkbox"/> Effective radiated power         |
| <input checked="" type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Frequency                        |
| <input type="checkbox"/> Antenna location                                | <input type="checkbox"/> Class                            |
| <input type="checkbox"/> Main Studio location                            | <input type="checkbox"/> Other <i>(Summarize briefly)</i> |

BPED-910219MJ

File Number(s) \_\_\_\_\_

1. Allocation:

|             |                                   |                 |       |  |
|-------------|-----------------------------------|-----------------|-------|--|
| Channel No. | Principal community to be served: |                 |       | <b>Class</b> <i>(check only one box below)</i><br><input checked="" type="checkbox"/> A <input type="checkbox"/> B1 <input type="checkbox"/> BnC3<br><input type="checkbox"/> C2 <input type="checkbox"/> C1 <input type="checkbox"/> C <input type="checkbox"/> D |
|             | City                              | County          | State |  |
| 207         | San Luis Obispo                   | San Luis Obispo | CA    |  |

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

|   |   |
|---|---|
| Latitude <sup>°</sup> <sub>N</sub> 35 21 37 " | Longitude <sup>°</sup> <sub>W</sub> 120 39 17 " |
|---|---|

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)?



If Yes, give call letter(s) or file number(s) or both. KSBY-TV, KSST(FM), KWWV(FM) c.p., KKUS(FM), KDDB(FM), KCBX(FM)

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

4. Does the application propose to correct previous site coordinates?

If Yes, list old coordinates.



|  |   |
|--|---|
| Latitude <span style="float: right;">0' "</span> | Longitude <span style="float: right;">0' "</span> |
|--|---|

5. Has the FAA been notified of the proposed construction?

☐ Yes ☒ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

Date \_\_\_\_\_ Office where filed \_\_\_\_\_

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

| Landing Area | Distance (km) | Bearing (degrees True) |
|--------------|---------------|------------------------|
| (a) _____    | _____         | _____                  |
| (b) _____    | _____         | _____                  |

7. (a) Elevation: *(to the nearest meter)*

(1) of site above mean sea level; 7 4 5 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 1 4 0 meters

(3) of the top of supporting structure above mean sea level [ (aX1) + (aX2) ] 8 8 5 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

(1) above ground 5 3 meters (H)

5 3 meters (V)

(2) above mean sea level [ (aX1) + (bX1) ] 7 9 9 meters (H)

7 9 9 meters (V)

(3) above average terrain 4 6 6 meters (H)

4 6 6 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(bX3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.  
E-1

9. Effective Radiated Power:

(a) ERP in the horizontal plane

4 . 4

kw (H\*)

4 . 4

kw (VW)

(b) Is beam tilt proposed?



If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.

\_\_\_\_\_ kw (H\*) \_\_\_\_\_ kw (V\*)

\*Polarization

10. Is a directional antenna proposed?



If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.3 16, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No. \_\_\_\_\_

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?



If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1 125.

Exhibit No. \_\_\_\_\_

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *(except citizens band or amateur)* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?



If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)

Exhibit No. \_\_\_\_\_

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No. \_\_\_\_\_

14. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No. \_\_\_\_\_

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area \_\_\_\_\_ sq. km. Population \_\_\_\_\_

16. Attach as an Exhibit a map *(Sectional Aeronautical charts • here obtainable)* showing the present and proposed 1 mV/m (60 dbu) contours.

Exhibit No. \_\_\_\_\_

Enter the following from Exhibit above:

Gain Area \_\_\_\_\_ sq. mi.

Loss Area \_\_\_\_\_ sq. mi.

Percent change (gain area plus loss area as percentage of present area) \_\_\_\_\_ %.

If 50% or more thrs constitutes a major change. Indicate in question 2(c), Section I, accordingly.

17. For an application invoking an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.

- (a) the proposed auxiliary 1 mV/m contour; and
- (b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.:\_\_\_\_\_)

18. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.3131).*

Source of terrain data: *(check only one box below)*

☐ Linearly interpolated 30-second database

☐ 7.5 minute topographic map

(Source: \_\_\_\_\_)

☒ Other *(briefly summarize)* On file KSBY-TV

| Radial bearing<br>(degrees True) | Height of radiation center above<br>average elevation of radial from<br>3 to 16 km<br>(meters) | Predicted Distances<br>to the 1 mV/m contour<br>(kilometers) |
|----------------------------------|--|--|
| 0                                | 432  | 50.1   |
| 45                               | 423  | 49.7   |
| 90                               | 373  | 47.0   |
| 135                              | 167  | 33.2   |
| 180                              | 687  | 62.0   |
| 225                              | 638  | 60.2   |
| 270                              | 632  | 60.0   |
| 315                              | 371  | 46.9   |

Allocation Studies  
*(See Subpart C of 47 C.F.R., Part 73)*

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?



If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No.

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?



If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:

Exhibit No.

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ (separation requirements involving intermediate frequency (i.f.) interference).

Exhibit No.

23.(a) Is the proposed operation on Channel 218, 219, or 220?



(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?



(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V - B - FM BROADCAST ENGINEERING DATA (Page 6)

(e) If authorization pursuant to 47 C.F.R. Section 73.2 15 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and property labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibits(s).

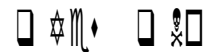
24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?



If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Ex

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1- 107.9 MHz)?



If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?




If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.13 11.

Ex

If No, explain briefly why not.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

|  |  |
|--|--|
| Name (Typed or Printed)  | Relationship to Applicant (e.g., Consulting Engineer)            |
| Richard L. Kennedy   | Engineering Consultant   |
| Signature  | Address (Include ZIP Code)                                       |
|  | R L Kennedy & Associates<br>P O Box 141<br>Waynesville, NC 28786 |
| Date   | Telephone No. (Include Area Code)                                |
| 27 September 1991  | (704) 648-3283   |

**R.L. KENNEDY & ASSOCIATES**

Communications Engineering Consultants

ENGINEERING STATEMENT IN SUPPORT OF AN  
AMENDMENT TO AN APPLICATION TO CONSTRUCT A  
NONCOMMERCIAL EDUCATIONAL FM BROADCAST STATION

FILE #BPED-910219MJ

CHANNEL 207B, 89.3 MHZ

SAN LUIS OBISPO, CA

by

LOGOS BROADCASTING CORPORATION

27 September 1991

ENGINEERING STATEMENTBackground


Logos Broadcasting Corporation (Logos) has an application pending before the Federal Communications Commission for permission to construct a Non-commercial educational FM broadcast facility (File #BPED-910219MJ). The applicant has been informed by the management of KSBY-TV that the space 87 meters AGL on its antenna tower previously offered to Logos for its antenna is no longer available. As an alternative, KSBY-TV has indicated availability of space 175 feet (53 meters) AGL on the same tower (copy of letter attached).

By the instant amendment, Logos is changing the proposed height above average terrain (HAAT) to 466 meters and the effective radiated power (ERP) to 4.4 kW both horizontally and vertically polarized in order to reflect the new conditions. The transmission system is unchanged except for a reduction of 34 meters in the length of the transmission line and an appropriate increase in the transmitter power output to maintain an equivalent Class B facility. Since the original application and this amendment both propose equivalent Class B facilities from the same geographic location, the area within the predicted 1mV/m service contour and the number of persons residing therein are virtually unchanged. Therefore, this amendment does not represent a major change as defined in 47 CFR Section 73.3573.

The amended proposal will result in an increase in the calculated power density of radio frequency energy two meters above ground level due to operation of the completed facility from 5  $\mu\text{V}/\text{cm}^2$  to 18  $\mu\text{V}/\text{cm}^2$ , a level 1.8% of the limit set forth in OST Bulletin Number 65 dated October 1985. The applicant will in another amendment to its application within 30 days more fully address the subject of exposure of workers to RF radiation as directed by the Commission in its letter dated August 28, 1991.

Certification

The undersigned hereby certifies that he is a graduate engineer, that he has been responsible for design of communications systems for more than 40 years, and that this Engineering Statement was prepared by him or under his immediate direction. Under penalty of perjury he declares that all statements of fact contained herein which are based on his personal knowledge are true and that other statements not known of personal knowledge are believed to be true.



Richard L. Kennedy

27 September 1991

## R.L. KENNEDY & ASSOCIATES

Communications Engineering Consultants

LOGOS BROADCASTING CORP

### SUMMARY OF ENGINEERING PARAMETERS

Proposed Operation on FM Channel 207 (89.3 MHz)

Antenna Site (existing KSBY-TV transmitter site):

35 - 21 - 37 North  
120 - **39** - 17 West

#### Significant Elevations:

|   |       |   |
|---|-------|---|
| Elevation of site AMSL                    | 745.2 | m |
| Overall elevation of supporting structure | 139.9 | m |
| Overall elevation AMSL                    | 885.1 | m |
| Elevation of average terrain AMSL         | 332.8 | m |
| Elevation of radiation center above site  | 53.3  | m |
| Elevation of radiation center AMSL        | 798.5 | m |
| Elevation of radiation center AAT         | 465.7 | m |

#### Derivation of ERP and TPO values:

|  |      |    |
|--|------|----|
| Class contour distance for Class B facility  | 52   | km |
| Antenna HAAT                                 | 466  | m  |
| ERP to achieve class contour distance        | 4.4  | kW |
| Antenna gain (H & V)                         | 2.13 |    |
| Transmission line efficiency                 | .85  |    |
| TPO required for equivalent Class B facility | 2.43 | kW |

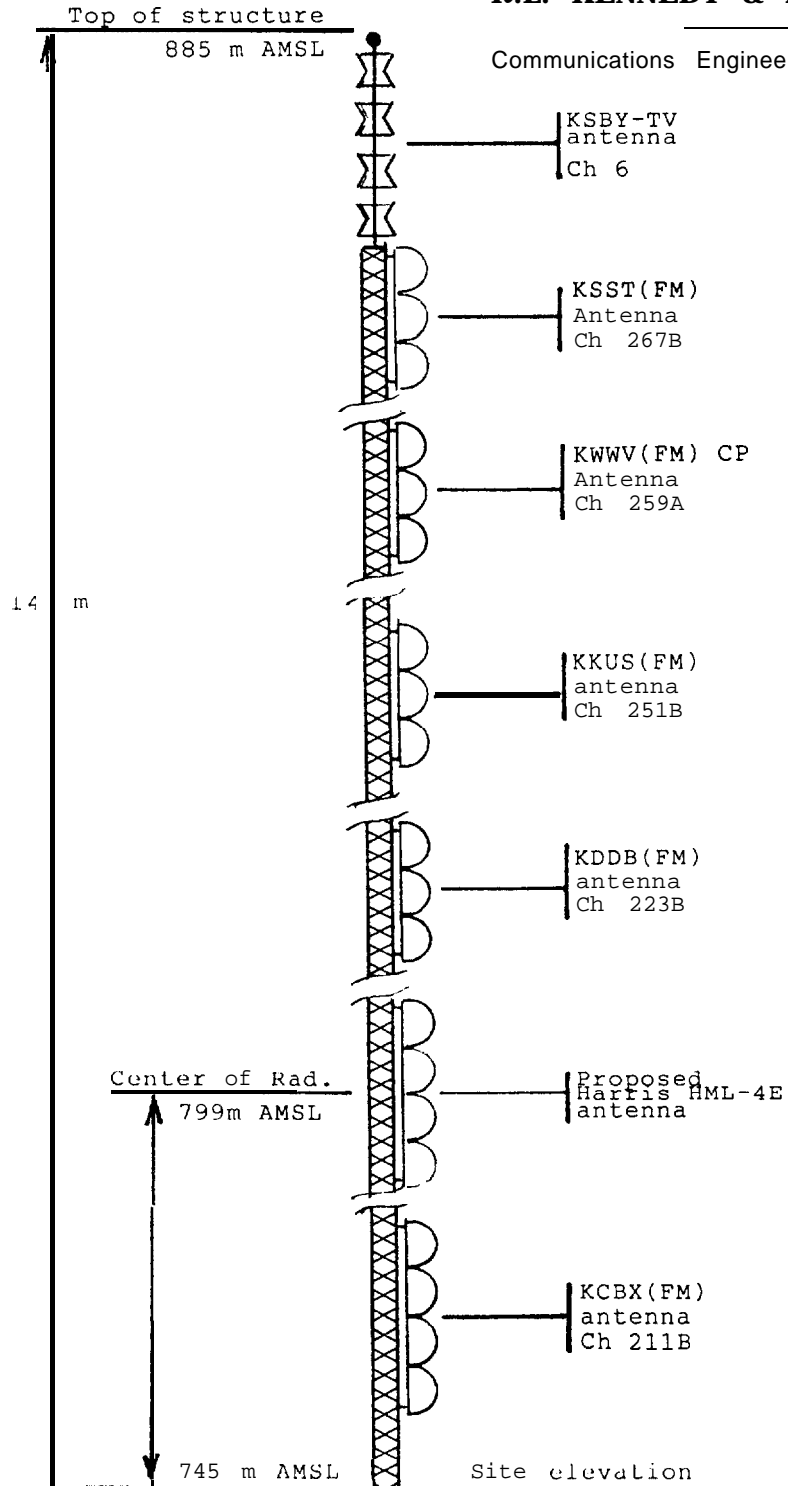
#### Major Equipment List

Harris Model FM-3.5K transmitter  
Andrew HJ5-50, 7/8" air dielectric Heliac (65 meters)  
Harris FML-4E antenna mounted on existing guyed tower

rev. 9/27/91

# R.L. KENNEDY & ASSOCIATES

Communications Engineering Consultants



Existing Guyed Tower  
North 35° 21' 37"  
West 120° 39' 17"

Vertical Sketch  
Logos Broadcasting Corporation  
Amendment To Application For CP  
File #BPED-910219MJ  
FM Channel 207B  
San Luis Obispo, CA

FCC Form 340  
Sec. V-B, 8

Exhibit E-1  
September 1991

Not to  
Scale



James Brodsky  
Director of Technical Operations

September 26, 1991

Logos Broadcasting Corp  
480 Los Osos Valley Road  
Los Osos, CA 93408

mar Dan Lenburg:

As a followup to my letter of September 9th which informed you that we have already leased space at the 280 foot level on our tower, this is to agree that **KSBY** will negotiate with you **for** space at the **175** foot level on **our** tower should you be the successful applicant for a construction permit for the new FM station in question.

The structural engineer who most recently analyzed our tower indicated that it is fully loaded at this time. In order for your antenna to be added to our tower, any necessary analysis and reinforcement of the tower will need to be done at your expense, liability, and to our mutual satisfaction.

Based on these assumptions, we do not object to your continuing with the filing you have undertaken.

Sincerely,

JAMES BRODSKY

SIGNED  
for David R. Head